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Figure 1: General Chemical Structure of the Aryl Acrylic Monomers of this Invention.

$$CH_2 = C - CO_2 - (CH_2)_n - X - Ar$$
R

R: can be H or CH₃; n is 0 to 7; X is nothing, O, S, or NR where in R is H, CH₂CH₃, CH₂C₆H₅; Ar: is aromatic ring which can be unsubstituted or substituted with F, Cl, Br, I, OCH₃, OCH₂CH₃ or alkyl groups such as CH₃, CH₂CH₃, propyl, i-propyl or butyl groups.

Figure 2: General Chemical Structure of the Surface processed Biocompatible Hydrophilic Polymer of this Invention.

$$R_1$$
-(CH₂-CH)_m- R_2
OH

R₁ & R₂: are functional groups include but not limited to NR, F, Cl, Br, I, OCH₃, H, CH₃, CH₂CH₃.

M is 10 to 1000;